

## US Patent Application Serial Number: 09/941,909

In the Claims

## Claims 1-28 (Canceled)

1        29. (Previously Presented) A device for applying pressure to a body limb having a  
2 primary axis, comprising:

3        first and second inflatable cells, each of the first and second cells including at least three  
4 intra-cell compartments; said intra-cell compartments being confluent, each compartment being  
5 elongated along a primary axis of a body limb and being substantially rectangular in shape when  
6 deflated and substantially cylindrical in shape when inflated, cylindrical axes of the inflated  
7 compartments substantially aligning with the primary axis of the limb, the first and second cells  
8 being longitudinally adjacent each other, and arranged coaxially with respect to the primary axis  
9 of the limb, the first and second cells being intermittently inflatable to apply pressure to the limb,  
10 wherein the inflatable cells each comprise inner and outer shells of durable flexible material, said  
11 inner and outer shells being bonded together to form a perimetric cell bond to define the  
12 inflatable cell therebetween, said inner and outer shells being further bonded together to form  
13 compartmental bonds within the perimetric cell bond to define the plurality of intra-cell  
14 compartments, wherein the perimetric cell bond includes upper and lower perimetric cell bonds  
15 extending substantially in a lateral direction, and left and right perimetric cell bonds extending  
16 substantially in the longitudinal direction, and wherein the compartmental bonds partly extend  
17 between the upper and lower perimetric cell bonds, wherein the compartmental bonds include  
18 perforations to allow for confluent air flow between compartments within a cell, neighboring  
19 compartments along a lateral axis sharing a common border and being spatially fixed relative to  
20 each other, such that upon inflation of a cell, the cell becomes circumferentially constricted, the  
21 first and second cells being non-confluent such that the first and second cells are separately  
22 inflatable;

23        means for laterally coupling outermost compartments so as to form a sleeve substantially  
24 cylindrically;

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25        inflating means for intermittently inflating the first and second cells; and  
26        control means for determining a treatment specificity of each cell and for determining a  
27 timing sequence for inflating of each cell based on the determined treatment specificity of each  
28 cell;

29        said sleeve having a center point circumference of  $N\pi r$  when the cell is deflated and a  
30 center point circumference of  $2N\pi r$  when the cell is inflated, where  $N$  is the number of  
31 compartments in the cell, and where  $r$  is the cross-sectional radius of each compartment when  
32 inflated, the center point circumference being a line passing through each center point of each  
33 adjacent intra-cell compartment of said inflatable cell;

34        said compartmental bonds of said intra-cell compartments, during inflation, being drawn  
35 towards each other to decrease a distance therebetween and towards the center point of said  
36 intra-cell compartments to decrease a distance therebetween, so as to provide for circumferential  
37 constriction.

1        30. (Previously Presented) The device of claim 29, wherein the center point  
2 circumference is decreased upon inflation by about 36%.

1        31. (Previously Presented) The device of claim 29, wherein the bond comprises a  
2 weldment.

1        32. (Previously Presented) The device of claim 29, wherein adjacent compartments are  
2 contiguous.

1        33. (Previously Presented) The device of claim 29, wherein the perforations are located  
2 adjacent the perimetric cell bond.

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1           34. (Previously Presented) The device of claim 29, wherein the perforations are located  
2   between compartmental bonds extending from the upper and lower perimetric bonds.

1           35. (Previously Presented) The device of claim 29, further comprising a fluid inlet to  
2   provide for inflation and deflation of the cell.

1           36. (Previously Presented) An automatic portable ambulant system for applying pressure  
2   to a body limb, comprising:

3           a sleeve including first and second inflatable cells, each of the first and second inflatable  
4   cells including at least three intra-cell compartments;

5           said intra-cell compartments being confluent, each compartment being elongated along a  
6   primary axis of a body limb and being substantially rectangular in shape when deflated and  
7   substantially cylindrical in shape when inflated, cylindrical axes of the inflated compartments  
8   being adapted to substantially align with the primary axis of a body limb, the first and second  
9   cells being adjacent to each other and being adapted to be arranged coaxially with respect to the  
10   primary axis of a body limb, the first and second cells being intermittently inflatable to apply  
11   pressure to a body limb, wherein each inflatable cell comprises inner and outer shells of durable  
12   flexible material;

13          said inner and outer shells being bonded together to form a perimetric cell bond, said  
14   perimetric bond defining outer boundaries of an inflatable cell and boundaries between the  
15   inflatable cells, said inner and outer shells being further bonded together to form compartmental  
16   bonds, said compartmental bonds defining boundaries between intra-cell compartments, wherein  
17   the perimetric cell bond includes upper and lower perimetric cell bonds extending substantially  
18   in a lateral direction, and left and right perimetric cell bonds extending substantially in the  
19   longitudinal direction, and wherein the compartmental bonds partly extend between the upper  
20   and lower perimetric cell bonds, wherein the compartmental bonds include perforations to allow  
21   for confluent air flow between intra-cell compartments within a cell, the first cell becoming  
22   circumferentially constricted when the first cell is inflated, the second cell becoming  
23   circumferentially constricted when the second cell is inflated, the first and second cells being  
24   non-confluent such that the first and second cells are separately inflatable;

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25 means for laterally coupling the outermost intra-cell compartments within a cell so as to  
26 form said sleeve substantially cylindrically;

27 a portable hand-held pump unit for intermittently inflating any one or more selected cells  
28 of the sleeve via a conduit, said pump unit including a control unit for determining a treatment  
29 specificity of each cell and for determining a timing sequence for inflating of each cell based on  
30 the determined treatment specificity of each cell;

31 said sleeve having a center point circumference of  $N\pi r$  when the cell is deflated and a  
32 center point circumference of  $2Nr$  when the cell is inflated, where  $N$  is the number of  
33 compartments in the cell, and where  $r$  is the cross-sectional radius of each compartment when  
34 inflated, the center point circumference being a line passing through each center point of each  
35 adjacent intra-cell compartment of said inflatable cell;

36 said compartmental bonds of said intra-cell compartments, during inflation, being drawn  
37 towards each other to decrease a distance therebetween and towards the center point of said  
38 intra-cell compartments to decrease a distance therebetween, so as to provide for circumferential  
39 constriction.

1 37. (Previously Presented) The system of claim 36, wherein said pump unit is battery  
2 operated.

1 38. (Previously Presented) The system of claim 37, wherein said pump unit comprises a  
2 rechargeable battery.

1 39. (Previously Presented) The system of claim 36, wherein said pump unit comprises an  
2 air compressor.

1 40. (Previously Presented) The system of claim 36, wherein said conduit comprises a  
2 single tube for delivering fluid to said sleeve.

1 41. (Previously Presented) The system of claim 36, wherein said conduit comprises  
2 means for indicating to said control unit the treatment specificity of each cell.

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1           42. (Previously Presented) The system of claim 36, wherein said sleeve comprises at least  
2 one self-operated valve.

1           **Claims 43-72 (Canceled)**

1           73. (Previously Presented) A device for applying pressure to a body limb having a  
2 primary axis, comprising:

3           first and second inflatable cells, each of the first and second inflatable cells including at  
4 least three intra-cell compartments;

5           said intra-cell compartments being confluent, each compartment being elongated along a  
6 primary axis of a body limb;

7           said first and second inflatable cells being adjacent each other and arranged coaxially  
8 with respect to the primary axis of the limb when engaged with a limb;

9           said first and second inflatable cells each including inner and outer shells of durable  
10 flexible material;

11           said inner and outer shells being bonded together to form a perimetric bond about a  
12 perimeter of the inflatable cell, said perimetric bond defining the inflatable cell as a volume  
13 between said inner and outer shells and within the perimetric bond;

14           said inner and outer shells being further bonded together to form a plurality of  
15 compartmental bonds within the inflatable cell bond, said plurality of compartmental bonds  
16 defining the three intra-cell compartments

17           said perimetric cell bond including first and second perimetric cell bond portions, said  
18 first and second perimetric cell bond portions being substantially parallel thereto, wherein a  
19 portion of said compartmental bonds partly extending between said first and second perimetric  
20 cell bond portions;

21           said compartmental bonds extending between said first and second perimetric cell bond  
22 portions including perforations to allow for confluent airflow between adjacent intra-cell  
23 compartments within a cell;

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24 said adjacent intra-cell compartments within a cell being spatially fixed relative to each  
25 other such that upon inflation of said adjacent intra-cell compartments within the cell, the cell  
26 becomes circumferentially constricted;

27 said first and second inflatable cells being non-confluent such that that said first and  
28 second inflatable cells are separately inflatable;

29 means for laterally coupling outermost compartments so as to form a substantially  
30 cylindrical sleeve;

31 inflating means for intermittently inflating said intra-cell compartments of said first and  
32 second inflatable cells; and

33 control means for determining a treatment specificity of each cell and for determining a  
34 timing sequence for inflating of each cell based on the determined treatment specificity of each  
35 cell;

36 said sleeve having a first intra-cell compartment center point circumference when said  
37 intra-cell compartments are deflated and a second intra-cell compartment center point  
38 circumference when said intra-cell compartments are inflated, said second intra-cell  
39 compartment center point circumference being less than said first intra-cell compartment center  
40 point circumference so as to provide for circumferential constriction, said first and second intra-  
41 cell compartment center point circumferences, each being defined as a line passing through each  
42 center point of each contiguous intra-cell compartment of an inflatable cell;

43 said compartmental bonds of said intra-cell compartments, during inflation, being drawn  
44 towards each other to decrease a distance therebetween and towards the center point of said  
45 intra-cell compartments to decrease a distance therebetween, so as to provide for circumferential  
46 constriction.

1 74. (Previously Presented) The device of claim 73 wherein a ratio of said second center  
2 point circumference to said first center point circumference is about 0.64.

1 75. (Previously Presented) An automatic portable ambulant system for applying pressure  
2 to a body limb, comprising:

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3 a sleeve including first and second inflatable cells;  
4 said first and second inflatable cells each including at least three intra-cell compartments;  
5 said intra-cell compartments being confluent;  
6 said intra-cell compartments being elongated along a primary axis of a body limb;  
7 said first and second inflatable cells being adjacent to each other so as to be adapted to be  
8 arranged coaxially with respect to the primary axis of a body limb;  
9 said first and second inflatable cells each including inner and outer shells of durable  
10 flexible material;  
11 said inner and outer shells being bonded together to form a perimetric bond about a  
12 perimeter of the inflatable cell, said perimetric bond defining the inflatable cell as a volume  
13 between said inner and outer shells and within the perimetric bond;  
14 said inner and outer shells being further bonded together to form a plurality of  
15 compartmental bonds within the inflatable cell bond, said plurality of compartmental bonds  
16 defining at least three intra-cell compartments  
17 said perimetric cell bond including first and second perimetric cell bond portions, said  
18 first and second perimetric cell bond portions being substantially parallel thereto, wherein a  
19 portion of said compartmental bonds partly extending between said first and second perimetric  
20 cell bond portions;  
21 said compartmental bonds extending between said first and second perimetric cell bond  
22 portions including perforations to allow for confluent airflow between adjacent intra-cell  
23 compartments within a cell;  
24 said first inflatable cell becoming circumferentially constricted when said intra-cell  
25 compartments of said first inflatable cell are inflated;  
26 said second inflatable cell becoming circumferentially constricted when said intra-cell  
27 compartments of said second inflatable cell are inflated;  
28 said first and second inflatable cells being non-confluent such that the first and second  
29 inflatable cells are separately inflatable;  
30 means for laterally coupling the outermost intra-cell compartments within a cell so as to  
31 form said sleeve into a substantially cylindrical shape; and  
32 a portable hand-held pump unit for intermittently inflating any one or more selected cells

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33 of the sleeve via a conduit, said pump unit including a control unit for determining a treatment  
34 specificity of each cell and for determining a timing sequence for inflating of each cell based on  
35 the determined treatment specificity of each cell;

36 said sleeve having a first intra-cell compartment center point circumference when said  
37 intra-cell compartments are deflated and a second intra-cell compartment center point  
38 circumference when said intra-cell compartments are inflated, said second intra-cell  
39 compartment center point circumference being less than said first intra-cell compartment center  
40 point circumference so as to provide for circumferential constriction, said first and second intra-  
41 cell compartment center point circumferences, each being defined as a line passing through each  
42 center point of each contiguous intra-cell compartment of an inflatable cell;

43 said compartmental bonds of said intra-cell compartments, during inflation, being drawn  
44 towards each other to decrease a distance therebetween and towards the center point of said  
45 intra-cell compartments to decrease a distance therebetween, so as to provide for circumferential  
46 constriction.

1 76. (Previously Presented) The system of claim 75 wherein said pump unit is battery  
2 operated.

1 77. (Previously Presented) The system of claim 76 wherein said pump unit comprises a  
2 rechargeable battery.

1 78. (Previously Presented) The system of claim 75 wherein said pump unit comprises an  
2 air compressor.

1 79. (Previously Presented) The system of claim 75 wherein said conduit comprises a  
2 single tube for delivering fluid to said sleeve.

1 80. (Previously Presented) The system of claim 79 wherein said conduit comprises  
2 means for indicating to said control unit the treatment specificity of each cell.



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1           81. (Previously Presented) The system of claim 75 wherein a ratio of said second center  
2 point circumference to said first center point circumference is about 0.64.

1           82. (Previously Presented) The system of claim 75 wherein said sleeve comprises at least  
2 one self-operated valve.

1           **Claims 83-84 (Canceled)**

1           85. (Previously Presented) A device for applying pressure to a body limb having a  
2 primary axis, comprising:

3           first and second inflatable cells;

4           said first and second inflatable cells each including at least three intra-cell compartments;

5           said intra-cell compartments being confluent;

6           said intra-cell compartments being elongated along a primary axis of the limb and being  
7 substantially rectangular in shape when deflated and substantially cylindrical in shape when  
8 inflated;

9           said first and second inflatable cells being adjacent each other and arranged coaxially  
10 with respect to the primary axis of the limb;

11           said first and second inflatable cells each including inner and outer shells of durable  
12 flexible material;

13           said first and second inflatable cells each including inner and outer shells of durable  
14 flexible material;

15           said inner and outer shells being bonded together to form a perimetric bond about a  
16 perimeter of the inflatable cell, said perimetric bond defining the inflatable cell as a volume  
17 between said inner and outer shells and within the perimetric bond;

18           said inner and outer shells being further bonded together to form a plurality of  
19 compartmental bonds within the inflatable cell bond, said plurality of compartmental bonds  
20 defining at least three intra-cell compartments

21           said perimetric cell bond including first and second perimetric cell bond portions, said

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22 first and second perimetric cell bond portions being substantially parallel thereto, wherein a  
23 portion of said compartmental bonds partly extending between said first and second perimetric  
24 cell bond portions;

25 said compartmental bonds extending between said first and second perimetric cell bond  
26 portions including perforations to allow for confluent airflow between adjacent intra-cell  
27 compartments within a cell;

28 said first inflatable cell becoming circumferentially constricted when said intra-cell  
29 compartments of said first inflatable cell are inflated;

30 said second inflatable cell becoming circumferentially constricted when said intra-cell  
31 compartments of said second inflatable cell are inflated;

32 said first and second inflatable cells being non-confluent such that said first and second  
33 inflatable cells are separately inflatable;

34 means for laterally coupling the outermost intra-cell compartments within a cell so as to  
35 form a sleeve into a substantially cylindrical shape;

36 inflating means for intermittently inflating the first and second inflatable cells; and

37 control means for determining a treatment specificity of each cell and for determining a  
38 timing sequence for inflating of each cell based on the determined treatment specificity of each  
39 cell;

40 said sleeve having a first intra-cell compartment center point circumference when said  
41 intra-cell compartments are deflated and a second intra-cell compartment center point  
42 circumference when said intra-cell compartments are inflated, said second intra-cell  
43 compartment center point circumference being less than said first intra-cell compartment center  
44 point circumference so as to provide for circumferential constriction, said first and second intra-  
45 cell compartment center point circumferences, each being defined as a line passing through each  
46 center point of each contiguous intra-cell compartment of an inflatable cell;

47 said compartmental bonds of said intra-cell compartments, during inflation, being drawn  
48 towards each other to decrease a distance therebetween and towards the center point of said  
49 intra-cell compartments to decrease a distance therebetween, so as to provide for circumferential  
50 constriction.

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1           86. (Previously Presented) The device of claim 85 wherein a ratio of said second center  
2 point circumference to said first center point circumference is about 0.64.

1           87. (Previously Presented) An automatic portable ambulant system for applying pressure  
2 to a body limb, comprising:

3           a sleeve including first and second inflatable cells;

4           said first and second inflatable cells each including at least three intra-cell compartments;

5           said intra-cell compartments being confluent;

6           said intra-cell compartments being elongated along a primary axis of a limb and being  
7 substantially rectangular in shape when deflated and substantially cylindrical in shape when  
8 inflated;

9           said first and second inflatable cells being adjacent each other and arranged coaxially  
10 with respect to the primary axis of the limb;

11           said first and second inflatable cells each including inner and outer shells of durable  
12 flexible material;

13           said inner and outer shells being bonded together to form a perimetric bond about a  
14 perimeter of the inflatable cell, said perimetric bond defining the inflatable cell as a volume  
15 between said inner and outer shells and within the perimetric bond;

16           said inner and outer shells being further bonded together to form a plurality of  
17 compartmental bonds within the inflatable cell bond, said plurality of compartmental bonds  
18 defining at least three intra-cell compartments

19           said perimetric cell bond including first and second perimetric cell bond portions, said  
20 first and second perimetric cell bond portions being substantially parallel thereto, wherein a  
21 portion of said compartmental bonds partly extending between said first and second perimetric  
22 cell bond portions;

23           said compartmental bonds extending between said first and second perimetric cell bond  
24 portions including perforations to allow for confluent airflow between adjacent intra-cell  
25 compartments within a cell;

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26 said first inflatable cell becoming circumferentially constricted when said intra-cell  
27 compartments of said first inflatable cell are inflated;

28 said second inflatable cell becoming circumferentially constricted when said intra-cell  
29 compartments of said second inflatable cell are inflated;

30 said first and second inflatable cells being non-confluent such that said first and second  
31 inflatable cells are separately inflatable;

32 means for laterally coupling the outermost intra-cell compartments within a cell so as to  
33 form said sleeve into a substantially cylindrical shape; and

34 a portable hand-held pump unit for intermittently inflating any one or more selected cells  
35 of the sleeve via a conduit, said pump unit including a control unit for determining a treatment  
36 specificity of each cell and for determining a timing sequence for inflating of each cell based on  
37 the determined treatment specificity of each cell;

38 said sleeve having a first intra-cell compartment center point circumference when said  
39 intra-cell compartments are deflated and a second intra-cell compartment center point  
40 circumference when said intra-cell compartments are inflated, said second intra-cell  
41 compartment center point circumference being less than said first intra-cell compartment center  
42 point circumference so as to provide for circumferential constriction, said first and second intra-  
43 cell compartment center point circumferences, each being defined as a line passing through each  
44 center point of each contiguous intra-cell compartment of an inflatable cell;

45 said compartmental bonds of said intra-cell compartments, during inflation, being drawn  
46 towards each other to decrease a distance therebetween and towards the center point of said  
47 intra-cell compartments to decrease a distance therebetween, so as to provide for circumferential  
48 constriction.

1 88. (Previously Presented) The system of claim 87 wherein a ratio of said second center  
2 point circumference to said first center point circumference is about 0.64.

1 89. (Previously Presented) The system of claim 87 wherein said conduit comprises a  
2 single tube for delivering fluid to said sleeve.

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1           90. (Previously Presented) The system of claim 89 wherein said conduit comprises  
2 means for indicating to said control unit the treatment specificity of each cell.

1           91. (Previously Presented) The system of claim 87 wherein said sleeve comprises at least  
2 one self-operated valve.

1           **Claims 92-104 (Cancelled)**

1           105. (Previously Presented) An automatic portable ambulant system for applying  
2 pressure to a body limb having a primary axis, comprising:

3           an inflatable cell; and

4           said inflatable cell including at least two intra-cell compartments;

5           said intra-cell compartments being confluent, each compartment being elongated in a  
6 direction of the primary axis; and

7           said inflatable cell further including inner and outer shells of durable flexible material;

8           said inner and outer shells being bonded together to form a perimetric cell bond;

9           said inner and outer shells being further bonded together to form compartmental bonds  
10 within said perimetric cell bond, said perimetric bond and said compartmental bonds defining the  
11 intra-cell compartment;

12           said perimetric cell bond including upper and lower perimetric cell bonds;

13           said compartmental bonds partly extending between said upper and lower perimetric cell  
14 bonds;

15           said compartmental bonds including perforations to allow for confluent airflow between  
16 adjacent intra-cell compartments within said cell, adjacent intra-cell compartments being  
17 spatially fixed relative to each other, such that upon inflation, said cell becomes  
18 circumferentially constricted;

19           said inflatable cell having a first center point circumference when said intra-cell  
20 compartments are deflated and a second center point circumference when said intra-cell  
21 compartments are inflated, said second center point circumference being less than said first

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22 center point circumference so as to provide for circumferential constriction, said first and second  
23 center point circumferences, each being defined as a line passing through each center point of  
24 each contiguous intra-cell compartment of an inflatable cell;

25 said compartmental bonds, during inflation, being drawn towards each other to decrease  
26 a distance therebetween and towards the center point of said intra-cell compartments to decrease  
27 a distance therebetween, so as to provide for circumferential constriction;

28 a portable hand-held pump unit for intermittently inflating said inflatable cell via a  
29 conduit;

30 said portable hand-held pump unit including a control unit for determining a treatment  
31 specificity of said inflatable cell and for determining a timing sequence for inflating of said  
32 inflatable cell based on the determined treatment specificity of said inflatable cell.

1 106. (Previously Presented) The system of claim 105 wherein said portable hand-held  
2 pump unit is battery operated.

1 107. (Previously Presented) The system of claim 105 wherein said portable hand-held  
2 pump unit comprises a rechargeable battery.

1 108. (Previously Presented) The system of claim 105 wherein said portable hand-held  
2 pump unit comprises an air compressor.

1 109. (Previously Presented) The system of claim 105 wherein said conduit comprises a  
2 single tube for delivering fluid to said inflatable cell.

1 110. (Previously Presented) The system of claim 105 wherein said conduit comprises  
2 means for indicating to said control unit the treatment specificity of said inflatable cell.

1 111. (Previously Presented) The system of claim 105 wherein said inflatable cell  
2 comprises at least one self-operated valve.

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1        **Claims 112-134 (Cancelled)**

1        135. (Previously Presented) An automatic portable ambulant system for applying  
2        pressure to a body limb having a primary axis, comprising:

3        an inflatable cell, said inflatable cell including at least two intra-cell compartments; said  
4        intra-cell compartments being confluent, each compartment being elongated in a direction of the  
5        primary axis; and

6        said inflatable cell further including inner and outer shells of durable flexible material;

7        said inner and outer shells being bonded together to form a perimetric cell bond;

8        said inner and outer shells being further bonded together to form compartmental bonds  
9        within said perimetric cell bond, said perimetric bond and said compartmental bonds defining the  
10       intra-cell compartment;

11       said perimetric cell bond including upper and lower perimetric cell bonds;

12       said compartmental bonds partly extending between said upper and lower perimetric cell  
13       bonds;

14       said compartmental bonds including perforations to allow for confluent airflow between  
15       adjacent intra-cell compartments within said cell, adjacent intra-cell compartments being  
16       spatially fixed relative to each other, such that upon inflation of said cell, said cell becomes  
17       circumferentially constricted;

18       said inflatable cell having a center point circumference of  $N\pi r$  when said cell is deflated  
19       and a center point circumference of  $2Nr$  when said cell is inflated, where  $N$  is the number of  
20       intra-cell compartments in said cell, and where  $r$  is the cross-sectional radius of each  
21       compartment when inflated, the center point circumference being a line passing through each  
22       center point of each adjacent intra-cell compartment of said inflatable cell;

23       said compartmental bonds, during inflation, being drawn towards each other to decrease  
24       a distance therebetween and towards the center point of said intra-cell compartments to decrease  
25       a distance therebetween, so as to provide for circumferential constriction;

26       a portable hand-held pump unit for intermittently inflating said inflatable cell via a

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27 conduit;  
28 said portable hand-held pump unit including a control unit for determining a treatment  
29 specificity of said inflatable cell and for determining a timing sequence for inflating of said  
30 inflatable cell based on the determined treatment specificity of said inflatable cell.

1 136. (Previously Presented) The system of claim 135, wherein said portable hand-held  
2 pump unit is battery operated.

1 137. (Previously Presented) The system of claim 136, wherein said portable hand-held  
2 pump unit comprises a rechargeable battery.

1 138. (Previously Presented) The system of claim 136, wherein said portable hand-held  
2 pump unit comprises an air compressor.

1 139. (Previously Presented) The system of claim 136, wherein said conduit comprises a  
2 single tube for delivering fluid to said sleeve.

1 140. (Previously Presented) The system of claim 136, wherein said conduit comprises  
2 means for indicating to said control unit the treatment specificity of said inflatable cell.

1 141. (Previously Presented) The system of claim 136, wherein said sleeve comprises at  
2 least one self-operated valve.